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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Box: Patent Applications
Volkmar UHLENDORF et al. : Group Art Unit: 3642
Serial No.: Not Yet Issued : Examiner: D. Pihlic
Filed: January 12, 1999 :
For: ULTRASONIC PROCESSES AND CIRCUITS FOR PERFORMING
THEM

PRELIMINARY AMENDMENT

The Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-identified continuation application, please amend the application as follows.

IN THE CLAIMS

✓ Please cancel claims 1-17 without prejudice or disclaimer.

Please add the following new claims:

-- b 18. A process for imaging an examination area containing an ultrasonic contrast agent, which comprises:

subjecting the examination area to ultrasonic energy of frequency, f_0 , and imaging the examination area using reflected and/or backscattered signals generated by non-linearity of the contrast agent, which signals are frequency-shifted from the frequency, f_0 .

19. A process for imaging an examination area containing an ultrasonic contrast agent, which comprises: